

PALMTOP COMPUTER EXPANSION USING  
SHARED MEMORY ACCESS

5 ABSTRACT OF THE INVENTION

A palmtop computer utilizes SD memory modules or other types of memory modules to provide expansion memory. The expansion memory module plugs in to the palmtop computer via an external slot or compartment that is easily accessed by the user. This provides additional memory to the palmtop computer. To facilitate use of expansion devices such as sled or cradle based devices, a connector is provided on the palmtop computer that not only includes conventional power, ground and serial communication terminals, but also provides direct access to the memory module for use by the expansion device. This provides the advantage that the sled or cradle based device can directly access the palmtop computer's memory without using the palmtop computer's processing resources.

20